The three map books contain plans of the proposed project under the following headings:
- Map book 1 – General Arrangements (layout plans)
- Map book 2 – land use
- Map book 3 – engineering

These plans show our current proposals and are published for the purposes of consultation on the project. The proposals are therefore subject to change due to consultation feedback and further design development.

The plans run from the A2 in the south to the M25 in the north. Identically numbered sheets in the different map books show the same area, for example sheet 3 shows the A2/LTC junction in map books 1, 2 and 3.

Map book 1 - General Arrangements
The General Arrangements show the proposed details of the project including:
- Engineering & construction
- Environment
- Utilities
- Development boundary

Map book 2 - land use plans
The land use plans show the areas we may need to purchase or require temporary rights to use, in order to construct and operate the project.

Areas we may need to purchase include the land required for the permanent works, temporary works and compensation land.

Permanent works
Permanent use of land will be required along the route of the road, for re-connecting local roads and for associated structures like drainage ponds, tunnel control buildings and the rest and service area.

Temporary works
Temporary use of land is needed for the project’s construction works and to provide sufficient space to do so safely. The plans show land that may be required temporarily for the main construction compounds at the tunnel entrances north and south of the River Thames and at various locations along the route. We will also require rights over land to divert utilities such as gas pipelines, electricity cables and water pipes. Any land that is only required temporarily will be returned to its previous use wherever possible once construction has been completed.

Compensation land
Compensation land may include environmental protection measures such as habitat creation and for flood compensation. This land may also need to be acquired permanently.

Map book 3 - engineering plans
This book contains engineering drawings in the following order:
- The plan and profile drawings which detail the vertical and horizontal road alignment
- The junction arrangements showing the proposed layout
- The cross sections throughout the route showing the lanes and earthworks

The plan and profile drawings show the highway details of the route in plan and profile. The drawings are split into two views with the plan on the top and profile underneath.

The profile gives the road level in relation to existing ground at a given chainage*. An exaggerated scale is used in the profile to help show the differences in levels and gradients of the design. The profile also shows where existing roads and public rights of way cross over or under the route.

All levels are given in relation to the ordnance datum level** which might be different on each drawing.

*Chainage measures the distance along the route in metres
**Above Ordnance Datum level (AOD) is a measurement above mean sea level

Large maps
Large maps that cover a greater area have also been produced which detail the same information.

These are:
- Environmental constraints – 1 sheet
- Land use – 1 sheet
- Project profile – 1 sheet
- General Arrangements – 5 sheets (larger coverage)
LEGEND:

- LTC route above ground
- LTC route in tunnel

PROPOSALS FOR CONSULTATION

LAND USE

KEY PLAN

Not to scale
LEGEND:
- Flood compensation area
- Main works construction compound
- Development boundary
- Environmental mitigation
- Permanent acquisition of subsoil land required
- Permanent acquisition to land required
- Temporary use of land required
- Rights to land required for the diversion of utilities
- Building requiring demolition
- Building access affected/building partially affected

LOWER THAMES CROSSING
STATUTORY CONSULTATION

PROPOSALS FOR CONSULTATION
LAND USE
SHEET 4

Hever Court Road
HS1
M25
Dartford
A2
Gravesend
Meopham
Claylane Ancient Woodland
Ifield Way
Valley Drive

Ordnance Survey 100030649
LEGEND:
- Flood compensation area
- Main works construction compound
- Development boundary
- Environmental mitigation
- Permanent acquisition of subsoil land required
- Permanent acquisition to land required
- Temporary use of land required
- Rights to land required for the diversion of utilities
- Building requiring demolition
- Building access affected/building partially affected

Drawing title: LOWER THAMES CROSSING STATUTORY CONSULTATION
Client: PROPOSALS FOR CONSULTATION

Scale 1:5000 at A3


PROPOSALS FOR CONSULTATION
LAND USE
SHEET 6

Gravesend
Shorne
St Marys Church
Higham
River Thames
Thames Estuary and Marshes
Lower Higham Road
Chalk
St Marys Church
Church Lane
Gravesend Road
River Thames
Drawing title
Client
Project
Lower Thames Crossing
Statutory Consultation

PROPOSALS FOR
CONSULTATION

LEGEND:
- Flood compensation area
- Main works construction compound
- Development boundary
- Environmental mitigation
- Permanent acquisition of subsoil land required
- Permanent acquisition to land required
- Temporary use of land required
- Rights to land required for the diversion of utilities
- Building requiring demolition
- Building access affected/building partially affected


Gravesend
Chalk
Thames Estuary and Marshes
River Thames

To Gravesend
to Higham

North Kent Railway and Thames Medway Canal

Gravesend
Chalk
Thames Estuary and Marshes
River Thames

To Gravesend
to Higham

North Kent Railway and Thames Medway Canal
Tilbury Loop Railway

LEGEND:
- Flood compensation area
- Main works construction compound
- Development boundary
- Environmental mitigation
- Permanent acquisition of subsoil land required
- Permanent acquisition to land required
- Temporary use of land required
- Building requiring demolition
- Building access affected/building partially affected
- Rights to land required for the diversion of utilities

PROPOSALS FOR CONSULTATION
LAND USE
SHEET 8a
LEGEND:
- Flood compensation area
- Main works construction compound
- Development boundary
- Environmental mitigation
- Permanent acquisition of subsoil land required
- Permanent acquisition to land required
- Temporary use of land required
- Rights to land required for the diversion of utilities
- Building requiring demolition
- Building access affected/building partially affected

PROPOSALS FOR CONSULTATION

LAND USE
SHEET 10
LEGEND:

- Flood compensation area
- Main works construction compound
- Development boundary
- Temporary use of land required
- Environmental mitigation
- Permanent acquisition of subsoil land required
- Permanent acquisition to land required
- Rights to land required for the diversion of utilities
- Building requiring demolition
- Building access affected/building partially affected
LEGEND:
- Flood compensation area
- Main works construction compound
- Development boundary
- Permanent acquisition of subsoil land required
- Permanent acquisition to land required
- Temporary use of land required
- Rights to land required for the diversion of utilities
- Building requiring demolition
- Building access affected/building partially affected

Ordnance Survey 100030649
LEGEND:

- Flood compensation area
- Main works construction compound
- Development boundary
- Permanent acquisition of subsoil land required
- Permanent acquisition to land required
- Temporary use of land required
- Building requiring demolition
- Building access affected/building partially affected
- Environmental mitigation
- Rights to land required for the diversion of utilities

PROPOSALS FOR CONSULTATION
LAND USE
SHEET 16a
These plans show current project proposals and are published for the purposes of consultation on the project. The proposals are therefore subject to change as a result of responses to the consultation, and as result of further design development.